OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

## REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Glen Larsen, an individual
Eureka, Utah

pertaining to Exploration Project Contract No. 14-23-090-2003, OME No. 6015, including Amendment No. 1, for July 1959 to September 1959, inclusive, covering a lead-copper project on the Iron Blossom Mine Property, Juab County, Utah.

My review included an examination of the Monthly Reports (Forms MP-104) and supporting documents, comparison of the claimed costs with the contract and pertinent schedules, verification of work performed by reference to Field Team reports and correspondence, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the reason that:

> All of the acceptable costs were under a contract provision for contribution by the Government on the basis of fixed unit costs of work performed.

The findings of this review are stated in the following summary:

| | | |
|---|---|---|
| Total cost billed by Operator | | $14,332.50 |
| Exceptions: | | |
| Prior to this review | $15.00 | |
| Herewith | -0- | 15.00 |
| Total acceptable cost | | $14,317.50 |

The contract calls for a 50 percent contribution of the allowable costs by the Government. Therefore, if the project is otherwise accepted as having met the terms of the contract, payments as follows are valid and proper:

| | |
|---|---|
| Payable on audited claim | $7,158.75 |
| Paid to date | 6,858.75 |
| Balance due Operator | $ 300.00 |

E. D. Talbert, OME Auditor

January 15, 1960

| EXTRA COPY D. M. E RECEIVED JAN 25 1960 | | |
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Building 20 - Federal Center
Denver 25, Colorado
January 19, 1960

Memorandum

To: T. A. Christensen

From: Executive Officer, OME Field Team, Region III

Subject: Project No. OME 6015 (Lead-Copper) Contract No. 2092
Glen Larsen (Iron Blossom mine) Juab County, Utah

Reference is made to the memorandum from this office dated November 13, 1959, forwarding the Operator's accounting report for the month of September 1959, and wherein we requested that $700 be withheld from reimbursement to the Operator pending resolution of certain matters.

The contract is considered completed upon completion of the work performed during the month of September 1959, and the Operator so notified by letter from this office dated January 12, 1960.

The Operator's final report has been received; therefore, final payment to the Operator in the amount of $300 is to be made in accordance with the Report of Review of reported project costs by the Contract Administration and Audit Division, OME, dated January 15, 1960, the original and one copy of which is attached for your records.

Original signed by

J. W. Tommami

Enclosure

JWT:ltm

cc: Chem. Op. Comm. (2)
MP-104 file, Reg. III
OME/SLC
Corres.
Surp.
Chron.

Paid $300.00
RRC
Randel R. Cooper
Authorized Certifying Officer
1-20-60 OME-60-5

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 22 1960

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Building 20 - Federal Center
Denver 25, Colorado
January 19, 1960

Mr. Glen Larsen
Eureka
Utah

Re: Docket OME 6015 (Lead-Copper)
Contract No. 2003
Glen Larsen
(Iron Blossom mine)
Juab County, Utah

Dear Mr. Larsen:

Enclosed for your records is a copy of Report of Review pertaining to costs of work reported under the referenced contract.

The balance due you of $300 will be placed in line for payment, which you should receive in approximately one week.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

JWT:ltm

cc: Chmn. Op. Comm. (2)
Cont. Admin. & Aud. Div.
Finance Off. Reg. III
Corres.
Susp.
Chron.

JAN 15 1960

Memorandum

To: Executive Officer, OME Field Team, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: Docket No. OME-6013 (Lead-Copper)
Glen Larsen
Iron Blossom Mine
Juab County, Utah
Contract No. 2005

As requested by your January 12 memorandum the subject project has been reviewed and a Report of Review, in lieu of a final audit, has been prepared. The original and three copies are attached.

If you concur with the facts as stated in this Report of Review, please forward the original and one copy to the regional finance office, submit one copy to the Operator, and retain one copy in your files. If for any reason you do not concur, please return the original and all copies with your comments to this Division.

Attachments

EDTalbert/ama
January 15, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Mr. T. A. Christiansen

| EXTRA COPY O. M. E. RECEIVED JAN 15 1960 | | |
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Building 20 - Federal Center
Denver 25, Colorado
January 12, 1960

CERTIFIED MAIL

Mr. Glen Larsen
Eureka
Utah

Re: Docket No. OME 6015 (Lead-Copper)
Contract No. [illegible]
Glen Larsen, (Iron Blossom mine)
Juab County, Utah

Dear Mr. Larsen:

In reference to the letter to you from this office dated December 31, 1959, it has been decided that it will not be necessary to prepare and execute a formal agreement in order to terminate the contract in its present status.

The results of the work completed under Stage I indicate that work under Stage II is not warranted. Since Government approval for additional work under the contract will not be forthcoming, the contract is to be considered terminated upon completion of the Stage I work which was reported by you on Form MF-104, Operator's Monthly Report and Voucher, for the month of September 1959.

The account will be placed in line for review of reported costs by the Contract Administration and Audit Division, OME. When the Report of Review is returned to this office, we will then be in a position to make final payment of monies withheld in processing the accounting report for the month of September 1959.

Very truly yours,

OME Field Team, Region III

Original signed by

By _____
J. W. [illegible]
Executive Officer

JWF:lm

cc: Chem. Op. Comm. (2)
Finance Off. Reg. III
Accountant file, Reg. III
Mailer
Corres. file
Supp.
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado
January 12, 1960

| OFFICIAL FILE COPY O. M. E. RECEIVED JAN 15 1960 | | |
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Memorandum

TO: Contract Administration and Audit Division, OME

From:q OME Field Team, Region III

Subject: Docket No. OME 6015 (Lead-Copper) Contract No. 2003
Glen Larsen, (Iron Blossom mine) Juab County, Utah

All Stage I work under the subject contract that is considered warranted was completed during the month of September 1959.

The results of the work completed under Stage I did not warrant approval of additional work under Stage II; therefore, the Operator was notified by letter from this office dated January 12, 1960 that the contract is to be considered terminated upon completion of the Stage I work during the month of September 1959.

The number of units of work completed by the Operator and accepted by the Field Team as conforming to contract requirements were:

| | | |
|---|---|---|
| Stage I - | Drifting on the 300 level | 450 ft. |
| | Timbering of drift | 9 ft. |
| | Samples analyzed | 15 |

Stage II- None.

An acceptable final engineering and geologic report was received from the Operator December 31, 1959.

The total amount of $6,858.75 has been paid to the Operator to date, $300 having been withheld pending receipt of the Operator's final report, and pending final audit or review of reported costs.

A Report of Review in lieu of final audit is in order and requested.

By J. W. Townsend
J. W. Townsend
Executive Officer

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

# UNITED STATES
## DEPARTMENT OF THE INTERIOR
### DEFENSE MINERALS EXPLORATION ADMINISTRATION
## OPERATOR'S MONTHLY REPORT AND VOUCHER

NOV 23 1959

Month of Sept, 1959 Docket No. ~~DMEA~~ OME 60-75 Contract No. 2003
Operator's Name Glen Larsen Minerals Lead Copper
Address Eureka Utah
Contract Amount, $43,926.00 Government Participation 50 % Amount, $21,963.00

| ITEMS OF COSTS | FOR OPERATOR'S USE: Monthly Total | Totals Previously Reported | Totals To Date | FOR GOVERNMENT USE ONLY: Approved Monthly Total | Approved Totals Previously Reported | Approved Totals To Date |
|---|---|---|---|---|---|---|
| (1) Independent Short Form Contracts: | | Stage 1 | | | | |
| ~~Drilling~~ assaying | None | 9000 | 9000 | | | |
| ~~Bulldozing~~ trenching | None | 6750 | 6750 | | | |
| Crosscutting | | | | | | |
| Drifting | 2625.00 | 11550.00 | 14175.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | | | | | |
| Supervision | | | | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | | | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| (4) Operating Equipment: | | | | | | |
| Rental | | | | | | |
| Purchase | | | | | | |
| Depreciation | | | | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 2625.00 | 11707.50 | 14332.50 | 2625.00 | 11,692.50 | 14317.50 |

OME
DEPARTMENT OF THE INTERIOR
OCT 23 1959
REGION III
DENVER, COLORADO

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10/21/59 *Payee Glen Larsen
Per ..... Title .....

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

$300.00 Withheld (Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$1012.50

Signature RRa
(Authorized Certifying Officer)

Date 11-18-59 Vou. No. OME 60-4
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 2003 in accordance with the terms of the contract.

Signature M M Tomalo Checked for Engineering Allowability Title Mining Engineer Date 11/12/59

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date NOV 12 1959

# MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(*a*) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(*b*) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(*c*) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

*Preparation of Form MF-104—Operator's Monthly Report and Voucher.*—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-404A
(April 1952)

Budget Bureau No. 42-R1151.2

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION
## OPERATOR'S UNIT COST AND PROGRESS REPORT

NOV 23 1959

Month of Sept 1959 Docket No. ~~DMEA~~ OME 6015 Contract No. 2003
Operator's Name Glen Larsen Minerals Lead copper
Address Eureka Utah

| OPERATION | Unit | Costs This Month | Units This Month | Costs to Date Stage II | Units to Date | Unit Costs to Date | Authorized by Contract: Units | Authorized by Contract: Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | ft | 2625.00 | 75 | 14175.00 | 405 | 35.00 | 440 | 35.00 |
| ~~Crosscutting~~ Timbering | ft | | | 675.0 | 9 | 7.50 | 50 | 7.50 |
| ~~Raising~~ Assaying | | | | 90.00 | 18 | 5.00 | 30 | 5.00 |
| Shafts | | | | | | | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Total Distributed Costs | | 2625.00 | | 14,332.50 | | | | Total Costs Authorized by Contract |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| Total Costs | | 2625.00 | | 14332.50 | | | | |

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 10/21/59 Operator Glen Larsen

Per ..... Title .....

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

Remarks:

OME
DEPARTMENT OF THE INTERIOR
OCT 23 1959
REGION III
DENVER, COLORADO

(Instructions on reverse)

(For Government use only)

M Manes

## INSTRUCTIONS

*Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.*—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

| OFFICIAL FILE COPY C. M. E. RECEIVED NOV 23 1959 | | |
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Olen Larson
Eureka, Utah

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

DISTRIBUTION MADE NOV 19 1959

Administrative Audit Difference Statement

Date: 11/19/59
Payee's Reference: September 1959

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 2605.00

Difference $ None

Amount Approved $ 2605.00

The reason for the difference was due to:

Withheld: $300.00 pending completion of additional work, or if additional work is not performed, until further advice, pending resolution of all matters that are prerequisite to closing the account.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

for N. E. Stokes
Audit Section

R-III-B & F Form No. 4
4-15-52 D

OFFICIAL FILE COPY
O. M. E
RECEIVED NOV 23 1959

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Building 20 - Federal Center
Denver 25, Colorado
November 13, 1959

Memorandum

TO: T. A. Christensen

FROM: Executive Officer, OME Field Team, Region III

Subject: Docket OME 6015 (Lead-Copper) Contract No. 2003, Glen Lemon, (Iron Blossom mine) Juab County, Utah

Enclosed are the original and four copies each of Forms NF-104 and NF-104a, Operator's Narrative Report, map, and Engineer's Inspection Report covering work performed during the month of September 1959.

It is considered that the Operator has complied with the intent of the contract, and the work for which reimbursement is claimed is acceptable to the Government.

The contract provides for the work to be performed at "Fixed Unit Cost" basis; therefore, documentation of the charges is not required. It is recommended that reimbursement be made to the Operator for 50 percent of the amount reported on Form NF-104, subject to your verification of applicable rates and arithmetical accuracy within the report, except for the following amount to be withheld.

Please withhold $300 from reimbursement to the Operator pending completion of additional work, or if additional work is not performed, continue to withhold the amount until further advice, pending resolution of all matters that are prerequisite to closing the account.

Original signed by

J. W. Vanderwal

Enclosures

JWV:ltm

cc: Chem. Op. Comm. (2)
OME/WLC
NF-104 file, Reg. III
Mailer)w/cpy of Engr's rept & map
Reg.
Chron.

EXTRA COPY
O. M. E.
RECEIVED NOV 23 1959

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Building 20 - Federal Center
Denver 25, Colorado
November 10, 1959

Memorandum

To: J. W. Townsend, Executive Officer, OME Field Team, Region III

From: T. K. Kunalo

Subject: Progress Report for September, 1959, Docket No. OME 6025 (Lead-Copper), Contract No. 2005, Glen Larsen (Iron Blossom mine) Juab County, Utah.

On November 2, 1959, pertinent underground workings of the Iron Blossom mine were inspected by J. W. Bailey, OMEE, and the writer. We were accompanied by Glen Larsen, the Operator, and Pedro Cortes, a Mining Engineer of the Philippine Bureau of Mines, and a trainee under a program sponsored by the International Cooperation Administration.

Progress for the reporting period was found to be as recorded in the attached Operator's Report. It comprised 75.0 feet of additional advance in the drift being driven northward from the Maintain stope on the 300 level. All of the advance is in strongly sheared and altered limestone. Mineralization associated with the shears appears to be confined to iron and manganese staining.

As an expense to the project, the Operator drove a 30-foot crosscut from the project drift to test a possible favorable area. No zones of significant mineralization were encountered.

ANALYSIS OF THE OPERATOR'S REPORT

Form MP-104

Drifting - The $2,625.00 is for the authorized 75 feet of advance at $35.00 per foot.

Totals - The monthly total $8,625.00, appears to be correct. The other totals, $11,707.50 and $14,332.50, also appear to be correct before previous disallowances totaling $15.00.

Form MF-104A

The totals for the segregated costs are in agreement with those of Form MF-104.

Narrative Report

The narrative report with attached map is acceptable.

T. M. Romalo

T. M. Romalo

TMR:lbm

cc: 6
Chron.

OME
DEPARTMENT OF THE INTERIOR
OCT 23 1959
REGION III
DENVER, COLORADO

Re: Docket No. OMM 6015 (Lead Copper)
Exploration Contract No. 2003
Glen Larsen
(Iron Blossom Mine)
Juab County, Utah
October 21, 1959

Gentlemen:

We have finished stage one of our O.M.M. contract #2003 the last seventy five feet was in a big fault zone. We drifted north untill we made contact with the hanging wall of the fissure. Then we followed the wall untill we came to a big mass of manganese and lime boulders, this is the same condition we have in the old workings north east of where the face of the drift is. So we steped the dirft it looked like the chance of any ore in the next thirty five feet was very small so we decided not to make a connection at least untill inspection was made by the bureau of mines if they want us to finish the drift we will be willing to do it.

We should be making application for stage 2 of the contract but have decided to wait untill we have talked with the engineers from the bureau of mines that make the inspection.

The geologist we have had seem to think the large bodies of altered limestone we have had indicates the ore is below us. All of the engineers we have talked with from the bureau of mines have been very helpfull and efficient and we feel it would be to our benefit if we discussed our project with them before making application for stage 2 work.

The reason for being late with this report is that we have drifted where we encountered the cross fissure with some ore that was explained on last month report, to find the extent of this ore before final inspection by the bureau of mines of stage one work. We have drifted at our own expense thirty five feet the drift was in Iron, Manganese and copper.

The maps made by the engineer this month didnot turn out very good but are the same as last months except the seventy five feet of drift we run this month,. If they are not satisfactory we will have some new ones made for you.

Yours very truly

Glen Larsen

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

# UNITED STATES
## DEPARTMENT OF THE INTERIOR
### DEFENSE MINERALS EXPLORATION ADMINISTRATION
# OPERATOR'S MONTHLY REPORT AND VOUCHER

SEP 28 1959 O.M.E.

Month of Aug, 1959 Docket No. ~~DMEA~~ OME 6015 Contract No. 2083
Operator's Name Glen Larsen Minerals Lead & Copper
Address Eureka, Utah
Contract Amount, $43,926.00 Government Participation: 50% Amount, $21,963.00

| ITEMS OF COSTS | FOR OPERATOR'S USE: Monthly Total | Totals Previously Reported | Totals To Date | FOR GOVERNMENT USE ONLY: Approved Monthly Total | Approved Totals Previously Reported | Approved Totals To Date |
|---|---|---|---|---|---|---|
| (1) Independent Short Form Contracts: | | | | | | |
| Drilling ~~Diamond~~ | 25.00 | 65.00 | 90.00 | | | |
| Bulldozing Tumbling | none. | 67.50 | 67.50 | | | |
| Crosscutting | | | | | | |
| Drifting | 5750.00 | 5600.00 | 11350.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | | | | | |
| Supervision | | | | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | | | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| (4) Operating Equipment: | | | | | | |
| Rental | | | | | | |
| Purchase | | | | | | |
| Depreciation | | | | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 5775.00 | | 11707.50 | 5,965.00 | 5,727.50 | 11,692.50 |

OME DEPARTMENT OF THE INTERIOR SEP 9 1959 REGION III DENVER, COLORADO

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Sept. 1, 1959 Payee Glen Larsen

Per _____ Title _____

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$2782.50

Signature RRO
(Authorized Certifying Officer)

Date 9-22-59 Vou. No. OME 60-2
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 2003 in accordance with the terms of the contract.

Signature D M Pomeroy Checked for Engineering Allowability Title Mining Engineer Date 9-11-59

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature J W Lamond Title Executive Officer Date SEP 18 1959

# MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

*Preparation of Form MF-104—Operator's Monthly Report and Voucher.*—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

# UNITED STATES
# DEPARTMENT OF THE INTERIOR

## DEFENSE MINERALS EXPLORATION ADMINISTRATION

## OPERATOR'S UNIT COST AND PROGRESS REPORT

SEP 28 1959 O.M.E.

Month of Aug 1959 Docket No. ~~DMEA~~ OME 6015 Contract No. 2003
Operator's Name Glen Larsen Minerals Lead & Copper
Address Eureka Utah

| OPERATION | Unit | Costs This Month | Units This Month | Costs to Date | Units to Date | Unit Costs to Date | Authorized by Contract: Units | Authorized by Contract: Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | ft. | $ 5950.00 | 170 | $ 11550.00 | 330 | $ 35.00 | 440 | 35.00 |
| ~~Crosscutting~~ Timbering | | none | none | 675.0 | 9 | 75.0 | 50 | 75.0 |
| ~~Raising~~ Assaying | Smp. | 25.00 | 5 | 90.00 | 18 | 5.00 | 30 | 5.00 |
| Shafts | | | | | | | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Total Distributed Costs | | $ ~~5975.00~~ 5975.00 | | $ 11707.50 | | | | Total Costs Authorized by Contract |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| | | $ 5975.00 | | | | | | |
| Total Costs | | $ ~~5975.00~~ | | 11707.50 | | | | |

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Sept. 1, 1959 Operator Glen Larsen

Per ..... Title .....

→ **NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

**(Instructions on reverse)**

Remarks:

**(For Government use only)**

M Momsen
OME
DEPARTMENT OF THE INTERIOR
SEP 9 1959
REGION III
DENVER, COLORADO

## INSTRUCTIONS

*Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.*—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

W.O.

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 28 1959

| DATE | INITIALS | CODE |
|---|---|---|
| | | |

FINAL DISTRIBUTION MADE SEP 23 1959

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

Administrative Audit Difference Statement

Date: 9/22/59
Payee's Reference: August, 1959

Glen Larson
Eureka, Utah

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 9,975.00

Difference $ 10.00

Amount Approved $ 9,965.00

The reason for the difference was due to:

Two samples are disallowed at the reported unit cost of $5.00 each because samples Nos. 1791 and 1792 are not considered necessary to the work.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-III-B & F Form No. 4
4-15-52 D

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 28 1959
DATE | INITIALS

Building 20 - Federal Center
Denver 25, Colorado

September 18, 1959

Memorandum

To: T. A. Christensen

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. OME-6015 (Lead-Copper), Contract No. 2003, Glen Larsen (Iron Blossom Mine) Juab County, Utah

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, Operator's narrative report, assay certificates, and Engineer's inspection report for the month of August 1959.

It is considered that the Operator has complied with the intent of the contract and the work for which reimbursement is claimed is acceptable to the Government.

The contract agreement is for the work to be performed at "Fixed Unit Cost;" therefore, documentation of the charges is not required. It is recommended that reimbursement be made to the Operator for 50 percent of the amount reported on Form MF-104, subject to your verification of applicable rates and arithmetical accuracy within the report, except for the following disallowance:

Two samples to be disallowed at the reported unit cost of $5.00 each because samples Nos. 1791 and 1792 are not considered necessary to the work. Total disallowance $10.00.

Original signed by

J. W. Townsend

cc: Chem. Op. Comm. (2) ✓
OME/SLC
MF-104 file, Reg. III
Hasler w/cpy Engr's. report
Chron.

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 28 1959

| DATE | INITIALS | CODE |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Building 20 - Federal Center
Denver 25, Colorado

September 18, 1959

Memorandum

To: J. W. Townsend

From: T. M. Rosale

Subject: Progress Report for August 1959, Docket No. OME-6015 (Lead-Copper), Contract No. 2003, Glen Larsen (Iron Blossom Mine) Juab County, Utah

On September 1, 1959, I inspected the exploratory workings of subject contract with Glen Larsen, the Operator, and found that work performed during the reporting period was confined to 170 feet of drifting on the 300 level and the sampling of a small mineralized zone cut by one of the drifts.

The 170 feet of drifting included all of the 80 feet of authorized drifting to the south of the Mulhstein stope and 90 feet of additional advance in the drift to the north of the same stope. No timber support was required in either drift which had been driven to a size slightly larger than the specified minimum of 5 feet by 7 feet.

The drift to the south followed a sheared zone about 5 feet wide. No ore mineralization was noted in the shear zone that is filled mainly with manganese stained clay-like material and fragments of rhyolite and limestone.

The drift to the north penetrated highly fractured and altered limestone and some porphyry breccia in a zone that appears to be localized along the footwall of the favorable structure.

Continued drifting is expected to be northward along a partially exposed open fracture at the face of the drift. This fracture appears to be a continuation of a zone at the north end of the mine that reportedly yielded a significant amount of high grade ore. Ore mineralization encountered by the drift was confined to a zone about 15 feet long at about 50 feet from present face. The average grade of two samples (Nos. 1738 and 1739) taken by the Operator across the southern

end of the zone was 3.4 percent copper, 3.0 percent lead, 5.3 ounces silver a ton, and minor amounts of zinc and gold. Sample 1790, taken across a 4-foot width near the northern end of the zone, contained insignificant amounts of ore minerals. Two additional samples (Nos. 1791 and 1792) taken by the Operator from hot spots near the south end of the zone contained significant amounts of silver only. Neither of these samples was necessary since their assays are not needed for an adequate determination of the zone's degree of mineralization.

According to Mr. Larsen, exploration of the above-mentioned mineralized zone by crosscutting will shortly be done at no cost to the Government.

Robert Thomas, Superintendent of Anaconda Mining Company's properties in Eureka, Utah, continues to do all of the Operator's engineering and geological work.

## ANALYSIS OF THE OPERATOR'S REPORT

### Form MF-104

**Assays** - The $25.00 is for the assay of the five samples reported by the Operator at the authorized cost of $5.00 per sample. Since two of the samples were not necessary, the approved charge is $15.00 for the authorized three samples.

**Drifting** - The $5,950.00 is for the authorized 170 feet of drifting at the specified cost of $35.00 per foot.

**Totals** - The Monthly Total, $5,975.00, is correct before the recommended disallowance of $10.00 for the assay of the unauthorized two samples. The total cost to date of $11,707.50 does not reflect the previously unallowed $5.00.

### Form MF-104A

The form has been properly completed.

### Narrative Report

The Narrative Report with attached map is considered adequate.

Original signed by

T. M. Romelo

cc: 6
Engr.
Chron.

Re: Docket No. OMS 8013 (Lead Copper)
Exploration Contract No. 8003
Glen Larsen
(Iron Blossom Mine)
Juab County, Utah
Sept. 1, 1959

Gentlemen:

We have drifted 170 feet this month 60 feet south west of Muhlstein stope as approved in the contract. 90 feet in the drift we were running last month it was necessary to turn to the right a few degrees to follow the contact with the porphyry, we found some copper , lead and silver as the sample returns show.

When we started the driftlast month we were on the contact of porphyry and lime stone, The Muhlstein stope was on this contact and we had about four feet of ore to start the drift on the porphyry dyke. We turned to the east and we had no other way to go, because if we had have stayed on the course we started we would have been in the porphyry dyke,.with no change to have found any ore or fissures.

We have had seven good Geologistsato consult at all times six of them are employed by Bear Creek Mining Co. or Kennecott Copper Co. The other Geologist is Supt. for Anaconda Copper Mining Co. in the Tintic District. Every time we have needed some advice about the direction we should go they have been advising us. When Mr. Romslou was here he was of the same opinion as the other Geologist we have had.

Youre very truly

Glen Larsen

OME
DEPARTMENT OF THE INTERIOR
SEP 9 1959
REGION III
DENVER, COLORADO

FORM 107 10M 3-59

INTERNATIONAL SMELTING AND REFINING COMPANY

TOOELE PLANT

Glen Larsen Crude Hand Samples

DATE August 17 19 59

| Sm Lot | NAME Mine Lot | % Cu | % Pb | OZS. Ag | OZS. Au | % INSOL. | % Fe | % S | % CaO | % Zn | % As | % Sb | % Bi | % Cd |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1738 | 1 | 8.80 | 3.8 | 7.17 | .03 | | | | | 1.9 | sample width 18 inches | | | |
| 1739 | 2 | 1.60 | 5.3 | 8.91 | .04 | | | | | 1.1 | 3 ft | | | |

DEAK

CHEMIST

International Smelting & Ref. Co.

Date Aug. 21, 1959

Glen Larsen Crude Hand Samples

| Sm Lot | Mine Lot | % Cu | % Pb | OZS Ag | OZS Au | % Zn | sample width |
|---|---|---|---|---|---|---|---|
| 1790 | 1 | .2 | Tr | .50 | Tr | .8 | 4 ft |
| 1791 | 2 | .3 | 1.1 | 3.34 | .01 | .8 | 4 ft |
| 1792 | 3 | .5 | .8 | 28.87 | .03 | .8 | 3 ft |

Mislabeled

# TRU-GRADE

## FOREST PRODUCTS

DISTRIBUTED BY MORRISON-MERRILL & CO.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

AUG 24 1959 O.M.E.

# UNITED STATES
## DEPARTMENT OF THE INTERIOR
### DEFENSE MINERALS EXPLORATION ADMINISTRATION
# OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1959 Docket No. ~~DMEA~~ OME 6015 Contract No. 20
Operator's Name Glen Larsen Minerals Lead, Zinc, Copper
Address
Contract Amount, $ 43,92 600 Government Participation: 50% Amount, $ 21,96,300

| ITEMS OF COSTS | FOR OPERATOR'S USE: Monthly Total | Totals Previously Reported | Totals To Date | FOR GOVERNMENT USE ONLY: Approved Monthly Total | Approved Totals Previously Reported | Approved Totals To Date |
|---|---|---|---|---|---|---|
| (1) Independent Short Form Contracts: | 4 | | | | | |
| ~~Drilling~~ Assays | 65.00 | | 65.00 | | | |
| ~~Bulldozing~~ timbering | 67.50 | | 67.50 | | | |
| Crosscutting | | | | | | |
| Drifting | 5600.00 | | 5600.00 | | | |
| (2) Labor and Supervision: | | | | | | |
| Labor | | | | | | |
| Supervision | | | | | | |
| Technical Services | | | | | | |
| (3) Operating Mat'ls. and Supplies: | | | | | | |
| Timber | | | | | | |
| Explosives | | | | | | |
| Pipe | | | | | | |
| Track | | | | | | |
| (4) Operating Equipment: | | | | | | |
| Rental | | | | | | |
| Purchase | | | | | | |
| Depreciation | | | | | | |
| (5) Initial Rehabilitation and Repairs | | | | | | |
| (6) New Bldgs., Improvements, etc. | | | | | | |
| (7) Miscellaneous: | | | | | | |
| Repairs to Equipment | | | | | | |
| Sampling and Analysis | | | | | | |
| Payroll Taxes | | | | | | |
| Liability Insurance | | | | | | |
| (8) Contingencies (specify): | | | | | | |
| TOTALS | 5,733,50 | | 5,732,50 | 5,727,50 | | 5,727,50 |

OME
DEPARTMENT OF THE INTERIOR
AUG 6 - 1959
REGION III
DENVER, COLORADO

I certify that the above bill is correct and just and that payment therefor has not been received.
Date July 31/59 *Payee Glen Larsen
Per Title

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 2863 75
Signature
(Authorized Certifying Officer)
Date 8/19/59 Vou. No. OME 60-1
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 2003 in accordance with the terms of the contract.

Signature D M Romalo Title Mining Engineer Date 8-12-59

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Checked for Engineering Allowability

Signature [illegible] Title Executive Officer AUG 12 1959 Date AUG 12 1959

# MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

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(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

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*Preparation of Form MF-104—Operator's Monthly Report and Voucher.*—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

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Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

AUG 24 1959
O.M.E

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## DEFENSE MINERALS EXPLORATION ADMINISTRATION
# OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1959 Docket No. ~~DMEA~~ OME 6015 Contract No. 3003
Operator's Name Glen Larsen Minerals Lead Copper
Address Eureka Utah

| OPERATION | Unit | Costs This Month | Units This Month | Costs to Date | Units to Date | Unit Costs to Date | Authorized by Contract: Units | Authorized by Contract: Unit Costs |
|---|---|---|---|---|---|---|---|---|
| Drifting | Ft. | 560.00 | 16.0 | 560.00 | 16.0' | 35.00 | 440 | 31 35.00 |
| ~~Crosscutting~~ timbering | Ft. | 67.50 | 9' | 67.50 | 9' | 7.50 | 56 | 7.50 |
| ~~Raising~~ assaying | Smp. | 65.00 | 13 | 65.00 | 13 | 5.00 | 36 | 5.00 |
| Shafts | | | | | | | | |
| Winzes | | | | | | | | |
| Drilling: Core | | | | | | | | |
| Churn | | | | | | | | |
| Auger | | | | | | | | |
| Stripping | | | | | | | | |
| Trenching | | | | | | | | |
| Test Pits | | | | | | | | |
| Roads and Trails | | | | | | | | |
| Total Distributed Costs | | 732.50 | | 732.50 | | | | Total Costs Authorized by Contract |
| Operating Equipment Purchased | | | | | | | | |
| Initial Rehabilitation and Repairs | | | | | | | | |
| New Buildings, Improvements, etc. | | | | | | | | |
| Total Costs | | 732.50 | | 732.50 | | | | |

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date July 31, 59 Operator Glen Larsen

Per ..... Title .....

**NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

Remarks:

**(Instructions on reverse)**

**(For Government use only)**

M Romero

OME
DEPARTMENT OF THE INTERIOR
AUG 6 - 1959
REGION III
DENVER, COLORADO

## INSTRUCTIONS

*Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.*—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

FINAL DISTRIBUTION
MADE AUG 21 1959

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

Administrative Audit Difference Statement

Date: 8/13/59
Payee's
Reference: July 1959

Glen Larson
Eureka, Utah

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 9,732.90

Difference $ 5.00

Amount Approved $ 9,727.90

The reason for the difference was due to:

One sample is disallowed at the reported unit cost thereof of $5.00 because the sample was not taken in compliance with contract provisions.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

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O. M. E.
RECEIVED AUG 24 1959

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R-III-B & F Form No. 4
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Building 20 - Federal Center
Denver 25, Colorado
August 12, 1999

Memorandum

TO: T. A. Christensen

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. OME 6035 (Lead-Copper) Contract No. 2005
Glen Lorsen, (Iron Blossom Mine) Juab County, Utah -
Operator's Monthly Progress Report for month of July 1999

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, Operator's Narrative Report, sample analysis sheet, and engineer's report, for the above period.

It is considered that the Operator has complied with the intent of the contract and the work for which payment is claimed is acceptable to the Government. All of the work was performed at "Fixed Unit Cost" under the short form contract on MMS Form 51; therefore, documentation of the costs is not required. We recommend that payment be made to the Operator for 90 percent of the amount reported on Form MF-104, subject to your verification and applicable rates and arithmetical accuracy within the report, except for disallowance of the following:

> One sample is to be disallowed at the reported unit cost thereof of $5.00 because the sample was not taken in compliance with contract provisions.

Original signed by
J. W. TOWNSEND

J. W. Townsend

Enclosure

JWT:lbm

cc: Chem. Op. Comm. (2)
OME/SLC
MF-104 File, Reg. III
Mailer ) w/cpy Engr's Rept.
Chron.

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Building 20 - Federal Center
Denver 25, Colorado
August 12, 1959

Memorandum

TO: J. W. Townsend, Executive Officer, OME Field Team, Region III

From: T. M. Rusalo

Subject: Progress Report for July 1959, Docket No. OME 6015 (Lead-Copper) Contract No. 2003, Glen Larsen (Iron Blossom Mine) Juab County, Utah

The project of captioned contract was inspected by the writer August 6, 1959, in the company of Glen Larsen, the Operator. I found that the project had reportedly been started July 2, 1959, after the workings leading to the side of authorized drifting on the 300 level had been rehabilitated. To August 6, 1959, the northerly trending drift from near the north end of the Mahlstein stope had been advanced a total of 172 feet of which 160 feet was reportedly driven during July. The OME starting point of the drift is 3.0 feet in from the point of the frog of the track-switch. The cross-section of the drift is at least 5 feet by 7 feet at all places including a 9.0 foot long section that was supported with 2 sets of round timbers. The average cross-section of the timbers is greater than the specified minimum of 8 inches by 8 inches.

The drift has followed mineralized zones along the rhyolite-limestone contact and shears in the limestone. Mapping of the drift which has been kept up-to-date indicates that the shears now being followed are parallel to the Mahlstein fissure on the west. Accordingly, the Operator was starting to make the proper alteration in the course of the drift.

The Operator also obtained 13 samples from the mineralized zones of the drift and had them assayed for gold, silver, copper, lead and zinc. Twelve of the samples were taken in accordance with the specifications of Amendment No. 1 as they were cut across the strike of the mineralized zones at intervals of 10 feet. The remaining sample, No. 1542, was not obtained in accordance with the Amendment, as it was obtained from a vertical channel along the side of the drift.

Check samples will be obtained by the inspecting engineer next month.

Operations of the Iron Blossom mine are confined to the OME exploratory work that is being conducted 1 shift daily and 6 days weekly by a crew of 4 men that includes the Operator. Two 5-foot rounds are drilled,

blasted and mucked-out per day. Major equipment in use consists of a 365 CFM compressor that is powered by a 6 cylinder-GM diesel motor, 2 Model 2FS Ingersoll-Rand muckers and 2 Cleveland jack-leg drills. Muck from the drift is hand trammed to the shaft in 1-ton cars, hoisted to the adit level by a single drum air-powered hoist and then hand trammed to the surface. None of the muck from the drift has been of ore-grade.

Robert Thomas, Superintendent of Anaconda Mining Co's properties in Eureka, Utah, is doing all engineering and geological work for the Operator.

## ANALYSIS OF THE OPERATOR'S REPORT

### Form MP-104A

**Assays** - The $65.00 is for the assay of the 13 samples reported by the Operator at the specified cost of $5.00 per sample. An assay certificate is attached. As 1 of the 13 samples was not taken in accordance with the contract, the approved cost is $60.00.

**Timbering** - The $67.50 is the approved cost of 9.0 lineal feet of timbering at $7.50 per foot.

**Drifting** - The $5,600.00 is for the approved 160 feet of drifting at $35.00 per foot.

**Totals** - The total charge of $5,732.50 for work performed during the first month of operations is correct before the recommended deduction of $5.00, the cost of the 1 unauthorized sample.

### Form MP-104A

The form appears to have been properly completed.

### Narrative Report

The Narrative Report with attached map is considered acceptable.

Original signed by
T. M. Romalo
T. M. Romalo

cc: 6
Engnr.
Chron.

OME
DEPARTMENT OF THE INTERIOR

AUG 6 - 1959
REGION III
DENVER, COLORADO

Re: Docket No. OME 6015 (Lead Copper)
Exploration Contract No. 2003
Glen Larsen
(Iron Blossom Mine)
Juab County, Utah
July 1, 1959

Gentlemen:

We started drifting on July 2nd. along porphyry contact the first fifty feet we had good mineralization small deposits of good lead 10" to 14" in width one hand sample assaying 27% lead. The mineralization after 50 feet looked less promissing and the porphyry forced us to turn to the east. When we encountered the lime stone again we found some copper and a little silvera as the samplemap shows, but this was just where the porphyry and the limestone made contact. Mineralization was poor on this fissure, but when we started on the next fissure to the north we had good lead and silver again.

The ground has been very good axcept the intersection with the cross fissure in the face of the drift it has required one week to timber and muck out. This fissure is very bad ground the samples on the report have been taken from the back of the drift except samples #1542 & 1543 they were face samples it looked as if the mineralization was much better in the face than the back of drift.

We have been timbering and mucking out old drifts to the south the last two weeks in order to start drift on fissure as proposed in loan application. We expect to start drift next week to the south. I hope this report meets with your approvel.

Yours very truly,

Glen Larsen

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FORM 107 10M 3-59

INTERNATIONAL SMELTING AND REFINING COMPANY

TOOELE PLANT

Glen Larsen Hand Samples

DATE July 31 19 59

| Sm Lot | NAME Mine Lot | % Cu | % Pb | OZS. Ag | OZS. Au | % INSOL. | % Fe | % S | % CaO | % Zn | % As | % Sb | % Bi | % Cd |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1531 | 1 | .50 | 10.5 | 7.14 | .06 | | | | | .8 | | | | |
| 1532 | 2 | .10 | 4.0 | 7.13 | .07 | | | | | 1.2 | | | | |
| 1533 | 3 | .10 | .4 | .20 | Tr | | | | | .8 | | | | |
| 1534 | 4 | .10 | 11.8 | 4.36 | .04 | | | | | 8.0 | | | | |
| 1535 | 5 | 1.0 | Tr | 2.83 | .02 | | | | | 1.0 | | | | |
| 1536 | 6 | .10 | 6.5 | 2.39 | .01 | | | | | 2.6 | | | | |
| 1537 | 7 | .10 | 3.3 | 3.99 | .01 | | | | | 4.3 | | | | |
| 1538 | 8 | .10 | .8 | 1.05 | Tr | | | | | 1.3 | | | | |
| 1539 | 9 | .10 | Tr | .25 | Tr | | | | | .8 | | | | |
| 1540 | 10 | .10 | Tr | .45 | Tr | | | | | .9 | | | | |
| 1541 | 11 | .10 | Tr | .20 | Tr | | | | | .8 | | | | |
| 1542 | 12 | .10 | 19.0 | 20.28 | .02 | | | | | 16.4 | | | | |
| 1543 | 13 | 2.5 | Tr | 16.87 | .03 | | | | | 1.6 | | | | |

CHEMIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C.

FEB 19 1960

Mr. Glen Larsen

Eureka, Utah

Re: Docket No. [illegible]-6015 (Lead-Copper)
Glen Larsen
Iron Blossom Mine
Juab County, Utah
Contract No. 2003

Dear Mr. Larsen:

Reference is made to your terminated exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of possible production under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property, subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract. Your attention, however, is called to the provisions of the contract which require the operator to keep and preserve certain records for the periods indicated.

We appreciate your interest and participation in the OME exploration program.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Copy to:
Mr. H. K. Raddatz, President
Tintic Standard Mining Company
1114 Walker Bank Building
Salt Lake City 11, Utah
GLAmlt/a 2-18-60
cc to: Director's Reading File
Operating Committee
CA&A Division
OME Field Team, Region III (2)
H. M. Calloway, USBM
Harold Kirkemo, USGS
Docket
Chron

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EXPLORATION CONTRACT
GLEN LARSEN
DOCKET NO. OME-6015

AMENDMENT NO. 1

It is agreed this 14th day of July, 1959, between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government," and Glen Larsen, hereinafter called the "Operator," that Exploration Contract No. 2003 (Docket No. OME-6015), dated June 16, 1959, is amended as follows:

In Exhibit "A", Description of the Work, add a paragraph 3 to read as follows:

All significantly mineralized areas encountered in the drifting and crosscutting shall be sampled normal to their trends at linear intervals of not greater than ten feet. All samples shall be split and one-half thereof assayed for lead, copper, zinc, silver, and gold. The remaining half of all samples shall be furnished to the Government upon request. Sample locations and assay results shall be accurately shown on the monthly progress maps submitted to the Government.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, or the fixed unit cost of any item of work.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Frank E. Johnson
Acting Director, Office of
Minerals Exploration

GLEN LARSEN
Glen Larsen

Building 20 - Federal Center
Denver 25, Colorado
August 4, 1959

Mr. Glen Larsen
Ravenna
Utah

Re: Docket No. GME 6015 (Lead-Copper)
Exploration Contract No. 2005
Glen Larsen
(Iron Blossom mine)
Juab County, Utah

Dear Mr. Larsen:

Enclosed is the Operator's copy of Amendment No. 1 which has been executed to establish the maximum interval of samples to be taken in drifts and crosscuts.

Very truly yours,

Original signed by
J. W. TOWNSEND
J. W. Townsend
Executive Officer, GME
Field Team, Region III

JWT:lm
Enclosure

cc: Chem. Op. Comm. (2)w/Ort & Alt. copy of Amend.
Finance Office, Reg. III
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GME/DPC
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} w/copy of Amend.

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MME Form 14
Sept. 1958

Contract No. ~~Idm-E)~~ ~~XXXX)~~ 14-23) 2003

Docket No. ~~DMEA)~~ ~~XXXX)~~ MME) 6015

Date of Action ~~January 21, 1960~~
Terminated Contract

DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OBLIGATION DOCUMENT

To: Chief, Accounts Section, Finance Branch, Bureau of Mines

From: Director, Division of Operations Control and Statistics

Please enter the amounts shown below on the accounts of the Office of Minerals Exploration.

Name and Address of Contractor:

Glen Larsen (Individual)
Eureka, Utah

| Date of Contract | Region | State | Commodity |
|---|---|---|---|
| June 16, 1959 | III | Utah | Lead-Copper |

| | Reserve | Obligation |
|---|---|---|
| Prior Amount | 0 | $21,963.00 |
| Increase | 0 | 0 |
| Decrease | 0 | ~~14,804.25~~ |
| Revised Amount | 0 | 7,158.75 |

Remarks:

cc: 800
210

43244

MME Form 14
Sept. 1958

Contract No. ~~IDM-E~~ 14-23) 2003

Docket No. ~~DMEA~~ MME) 6015

Date of Action June 29, 1959

Executed Contract

DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OBLIGATION DOCUMENT

To: Chief, Accounts Section, Finance Branch, Bureau of Mines

From: Director, Division of Operations Control and Statistics

Please enter the amounts shown below on the accounts of the Office of Minerals Exploration.

Name and Address of Contractor:
Glen Larsen (an individual)
Eureka, Utah

| Date of Contract | Region | State | Commodity |
|---|---|---|---|
| June 16, 1959 | III | Utah | Lead-Copper |

| | Reserve | Obligation |
|---|---|---|
| Prior Amount | $21,963.00 | 0 |
| Increase | 0 | $21,963.00 |
| Decrease | 21,963.00 | 0 |
| Revised Amount | 0 | $21,963.00 |

Remarks:

cc: 800
210

43244

Audit's copy

MME Form 51
Feb. 1959

JUN 29 1959 O.M.E.

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

EXPLORATION CONTRACT
(Short Form)

| Docket No. | Commodity | Contract No. | County | State |
|---|---|---|---|---|
| OME -6015 | Lead-copper | 14-23-090- 2003 | Juab | Utah |

It is agreed 16 JUN 1959 (Date), between the United States of America, acting through the Department of the Interior, Office of Minerals Exploration, hereinafter called the "Government," and

Olen Larsen, an individual,

whose mailing address is Eureka, Utah, hereinafter called the "Operator," as follows:

ARTICLE I. Authority and scope.--(a) This contract, entered into under the authority of Public Law 701, 85th Cong., 2d sess. (72 Stat. 700; 30 U.S.C. § 641 - 646), consists of this form, the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed. The work is a search for new or unexplored deposits of the commodity designated above. The Operator shall begin the work on or before August 1, 1959 (Date), and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 24 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the work is $39,926.00 The Government will contribute 50 percent of the total fixed unit costs of the work performed, not in excess of $21,963.00 in accordance with the provisions of Articles 4 and 5.

(c) Interest computation.--Simple interest computed annually at the rate of 6-3/8 percent shall accrue from the dates Federal funds are made available until the period specified for payment of royalty expires, or until the amount of Federal funds contributed is fully repaid with interest.

(d) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. Operator's rights in land.--(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's right of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances:

Interest of Lessor

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Lien Agreement of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached as follows:

Lien and Subordination Agreement of Mantle Standard Mining Company.

(c) The Operator shall preserve and maintain his right, title, or interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a royalty on production and liens for the payment thereof. Two true copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. Performance of the work.--(a) Operator's responsibility.--The work shall be performed diligently, efficiently, in a workmanlike manner in accordance with good mining standards, and in compliance with State laws governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work as specified in Article 1(a).

(b) Government may inspect.--The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract and production operations during the period that royalty is payable to the Government. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. Contribution by the Government.--The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5(b), but all payments by the Government are provisional only, subject to audit. Until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been received, the Government may withhold such sums as are necessary to protect its interests. To the extent that amounts in excess of fixed unit costs or in excess of the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such amounts for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. Reports, accounts, audits.--(a) Operator's records.--The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) Monthly reports.--The Operator shall provide the Government with five copies of monthly reports in three sections as follows:

(1) Operator's Monthly Voucher claiming costs for work performed;

(2) Operator's Progress Report showing the number of units of the various types of work performed; and

(3) a narrative report of the work performed during the reporting period, including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground.

(Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) Final report.--Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) Report of sales.--The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's royalty relates, such as copies of smelter or concentrator settlement sheets and certified accounts of production and sale or other disposition of production.

(e) Compliance with requirements.--If the Government determines that any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the preparation or completion of same with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. Repayment by Operator.--(a) Certification.--If the Government considers that mineral or metal production from the land covered by the contract may be possible as a result of the exploration work, it shall so certify in writing to the Operator at any time not later than six months after a sufficient final report and final accounting (see Article 5) have been furnished.

(b) Royalty on production.--The Operator, whether or not the producer (for example, if the Operator either transfers or does not retain his interest in the land), shall pay to the Government a royalty on all minerals and metals mined or produced from the land as follows:

(1) irrespective of any certification of possible production--from the date of the contract until the lapse of the time within which the Government may issue such certification or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first; or

(2) if the Government issues a certification of possible production--for a period of ten years from the date of the contract or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first.

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrate, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business and shown as deductions on the buyer's settlement sheets (such as treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight payable by the buyer to a carrier (not the Operator)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator are deductible in arriving at the "gross proceeds" as that term is here used.

The term "treatment processes" means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(2) The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be.

(d) Unsold production.--If any production (ore, concentrate, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrate, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) Lien for payment.--To secure the payment of royalty (see Article 6(b)), the Operator hereby grants to the Government a lien upon his interest in the land and upon any production of minerals and metals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(f) Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Government, and this estimate shall be final and binding upon the Operator.

(g) No obligation to produce.--Nothing in this contract shall be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(h) Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals and metals mined or produced from the land.

ARTICLE 7. Termination of the Government's Obligations.--(a) If the Government determines that operations at any time have failed to achieve anticipated results and further work is not justified, the Government may give the Operator written notice thereof, and thereupon:

(1) the Government shall be free of all obligation to pay on account of units of work not then performed; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

(b) If the Government determines that the Operator is in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon:

(1) the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to royalty and liens to secure the payment thereof, and such rights shall be fully preserved.

(d) The determinations of the Government are subject to appeal under Article 11.

ARTICLE 8. Notices to be given by the Government may be delivered to the Operator or may be sent by certified mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. Officials not to benefit.--No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 10. Nondiscrimination.--In connection with the performance of work under this contract, the Operator agrees not to discriminate against any employee or applicant for employment because of race, religion, color, or national origin. The aforesaid provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Operator agrees to post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the Government setting forth the provisions of the nondiscrimination clause.

The Operator further agrees to insert the foregoing provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.

ARTICLE 11. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, Office of Minerals Exploration, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, Office of Minerals Exploration, shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Operator mails or otherwise furnishes to the Director, Office of Minerals Exploration, a written appeal addressed to the Secretary. The decision of the Secretary or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence.

The term "Director, Office of Minerals Exploration," as used herein includes his duly authorized representative.

ARTICLE 12. Eight-Hour Law of 1912--Overtime compensation.--This contract, to the extent that it is of a character specified in the Eight-Hour Law of 1912, as amended (40 U. S. Code 324—326) and is not covered by the Walsh-Healey Public Contracts Act (41 U. S. Code 35—45), is subject to the following provisions and exceptions of said Eight-Hour Law of 1912, as amended, and to all other provisions and exceptions of said Law:

No laborer or mechanic doing any part of the work contemplated by this contract, in the employ of the Operator or any independent contractor contracting for any part of said work contemplated, shall be required or permitted to work more than eight hours in any one calendar day upon such work, except upon the condition that compensation is paid to such laborer or mechanic in accordance with the provisions of this clause. The wages of every laborer and mechanic employed by the Operator or any independent contractor engaged in the performance of this contract shall be computed on a basic day rate of eight hours per day; and work in excess of eight hours per day is permitted only upon the condition that every such laborer and mechanic shall be compensated for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay. For each violation of the requirements of this clause a penalty of five dollars shall be imposed for each laborer or mechanic for every calendar day in which such employee is required or permitted to labor more than eight hours upon said work without receiving compensation computed in accordance with this clause, and all penalties thus imposed shall be withheld for the use and benefit of the Government.

ARTICLE 13. Copeland (Anti-Kickback) Act--Nonrebate of wages.--The regulations of the Secretary of Labor applicable to contractors and subcontractors (29 CFR, Part 3), made pursuant to the Copeland Act, as amended (40 U. S. C. 276c) and to aid in the enforcement of the Anti-Kickback Act (18 U. S. C. 874) are made a part of this contract by reference. The Operator will comply with these regulations and any amendments or modifications thereof and will be responsible for the submission of affidavits required of independent contractors thereunder. The foregoing shall apply except as the Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions.

ARTICLE 14. Changes and added provisions.--

Executed in quintuplicate the day and year first above written.

OPEN PAPER

(Operator)

By Glen Larsen

Title

THE UNITED STATES OF AMERICA

By Frank E. Johnson

Acting Director, Office of Minerals Exploration

I, _____, certify that I am the
(Name)

_____ secretary of the corporation named as Operator herein; that
(Name)

_____, who signed this contract on behalf of the Operator, was then
(Title)

_____ of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

[CORPORATE SEAL]



INT.-DUP. SEC., WASH., D.C. 52375

EXPLORATION PROJECT CONTRACT
GLEN LARSEN
DOCKET NO. OME-6015

ANNEX I

The land referred to in Article 2 of the Contract is situate in Juab County, Utah, and is comprised of the following patented lode claims, or parts thereof as indicated below:

Full Claims

| Name | U. S. Survey No. |
|---|---|
| Una Lode | 4548 |
| Little Chief Lode | 5171 |
| Excelsior Lode | 5171 |
| Mill Winter Lode | 5171 |
| Iron Blossom Lode | Lot No. 115 |

Partial Claims

So much of the Little Giant Lode, U. S. Survey No. 5171, "limited to that portion which lies southerly of a straight line drawn from Corner No. 2 to Corner No. 5 of said Little Giant Lode, said line having a course and distance of S 67 degrees 17 minutes East, 599.1 feet."

The Operator is in possession of the land pursuant to a Lease and Agreement with Tintic Standard Mining Company, dated April 1, 1958, for a period of two years, with the proviso that it "shall remain in effect for successive and consecutive periods of one year each, unless terminated by reason of default on the part of the Lessee . . ."

The exterior boundary of this tract is described in the Lease and Agreement and is shown outlined by hatching on a map entitled, "Fig. 2 . . . Glen Larsen, Tintic Standard Mining Co., Iron Blossom Mine Property, map showing property boundary", attached to and made a part of this Contract.

EXPLORATION PROJECT CONTRACT
GLEN LAREEN
DOCKET NO. OME-6015

EXHIBIT "A"

Description of the Work

The purpose of the project is to explore for lead-copper ores by means of drifting, crosscutting, and sinking.

The work is divided into two stages, set forth below. The Operator shall perform Stage I, and shall perform as much of the Stage II work as the Government approves in advance.

The locations, directions, attitudes, and extent of all work performed under the Contract are subject to the prior approval of the Government. The exploration work is indicated in blue color on the attached map entitled, "Figure 3 - Composite Plan of Parts of the 200, 300, and 400 Levels Showing Recommended Exploration, Iron Blossom No. 1 Mine, Juab County, Utah."

Drifts and crosscuts shall be timbered as necessary with timber sets consisting of 8-inch by 8-inch timber or the equivalent in round timber, and shall be not less than 5 feet wide and 7 feet high in cross-section in the clear of the timber.

Stage I

1. Drift a maximum of 360 feet northerly from the north edge of the Muhlstein stope to explore the Muhlstein fissure, on the 300 level.

2. Drift a maximum of 80 feet southerly from a point 80 feet south of the Muhlstein stope to a point not closer than 100 feet from the property line. This drifting to be also along the Muhlstein fissure, on the 300 level.

3. Timber not in excess of 50 feet of the drifts.

4. Not in excess of 30 samples shall be assayed for lead, copper, zinc, silver and gold.

5. Drifts shall be a minimum of 5 feet by 7 feet in cross-section.

## Stage II

Contingent upon the results of the Stage I work.

1. Deepen the Larsen winze an additional 105 feet. This winze shall be completely timbered, divided into two compartments, with the cage compartment to be 4 feet by 4 feet inside of timber. The untimbered winze shall be not less than 6 feet by 10 feet in cross-section.

2. On the 400 level, crosscut approximately 200 feet northwesterly to the Muhlstein fissure.

3. Drift a maximum of 300 feet northerly and southerly along the Muhlstein fissure, from the crosscut.

4. Timber not in excess of 64 feet of drifts or crosscut.

5. Not in excess of 30 samples shall be assayed for lead, copper, zinc, silver and gold.

6. Drifts and crosscuts shall be a minimum of 5 feet by 7 feet in cross-section.

## ESTIMATED COSTS OF THE PROJECT

### Fixed Unit Costs

#### Stage I

| | | |
|---|---|---|
| Drifting on 300 level<br>440 feet @ $35.00/ft. | $15,400.00 | |
| Timbering drifts<br>50 feet @ $7.50/ft. | 375.00 | |
| Assaying<br>30 samples @ $5.00 each | 150.00 | $15,925.00 |

## Stage II

| | | |
|---|---|---|
| Sinking Larsen winze<br>105 feet @ $94.00/ft. | $ 9,870.00 | |
| Crosscutting on 400 level<br>200 feet @ $35.00/ft. | 7,000.00 | |
| Drifting on 400 level<br>300 feet @ $35.00/ft. | 10,500.00 | |
| Timbering drifts and crosscuts<br>64 feet @ $7.50/ft. | 480.00 | |
| Assaying<br>30 samples @ $5.00 each | 150.00 | $28,000.00 |
| Estimated Total Cost of the Project<br>(rounded to) | | $43,926.00 |
| Government's participation, 50% | | $21,963.00 |

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

MAR 2 1959
O.M.E.

| FOR GOVERNMENT USE ONLY |
|---|
| Operator |
| Docket No. OME – |
| Contract No. 14-23-090– 2003 |
| Contract Date 6 JUN 1959 |

LIEN AND SUBORDINATION AGREEMENTS[1]

To the United States of America:

That certain land in the County of Juab, State of Utah;

described ~~as follows:~~[2] in a Lease and Agreement dated April 1, 1958

hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

Glen Larsen, of Eureka, Utah [3]

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

None

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in Book _____, Page ____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions ____ None ____ (State "None" or "See Annex No. ____".)

Dated this 23th day of February, 1959.

| | | |
|---|---|---|
| TITIC GRANDE MINES CORP. | 1114 Walker Bank Building | (Street) |
| | | (City & State) |
| (Seal) | Salt Lake City 11, Utah | |
| By H. E. Raddatz, President | | |
| | | (Street) |
| | | (City & State) |
| (Seal) | | |
| | | (Street) |
| | | (City & State) |
| (Seal) | | |
| | | (Street) |
| | | (City & State) |
| (Seal) | | |
| | | (Street) |
| | | (City & State) |
| (Seal) | | |
| | | (Street) |
| | | (City & State) |
| (Seal) | | |

I, Glen Hardy (Name), certify that I am the Secretary (Title—Secretary, etc.) of the corporation named herein; that H. E. Raddatz (Name), who signed this agreement was then President (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

Glen Hardy

(Corporate Seal)

INT.-DUP. SEC., WASH., D.C. 48694

EXTRA COPY
O. M. E.
RECEIVED JUN 29 1959

224 New Customhouse
Denver 2, Colorado

June 26, 1959

CERTIFIED MAIL

Mr. Glen Larsen
Eureka
Utah

Re: Docket No. OME 6015 (Lead-Copper)
Exploration Contract No. 2003
Glen Larsen
(Bron Bleason mine)
Utah County, Utah

Dear Mr. Larsen:

Enclosed is the Operator's copy of Contract No. 2003.

The blank report forms and instructions relative thereto mentioned in the last paragraph of my letter to you of June 19, 1959, will be forwarded at a later date.

Please advise this office the date work under the contract is actually commenced.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Executive Officer, OME
Field Team, Region III

Enclosure

JWT:ltm

cc: Chmn. Op. Comm. (2)
Harshman
OME/DFC
Corres. file, Reg. III
Susp. file
Chron.

MME Form 14
Sept. 1958

Contract No. ~~Idme~~E) 14-23) 2003

Docket No. ~~DMEA~~) MME) 6015

Date of Action ~~June 16, 1959~~
Approved Contract

DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OBLIGATION DOCUMENT

To: Chief, Accounts Section, Finance Branch, Bureau of Mines

From: Director, Division of Operations Control and Statistics

Please enter the amounts shown below on the accounts of the Office of Minerals Exploration.

Name and Address of Contractor:

Glen Larsen, an individual
Eureka, Utah

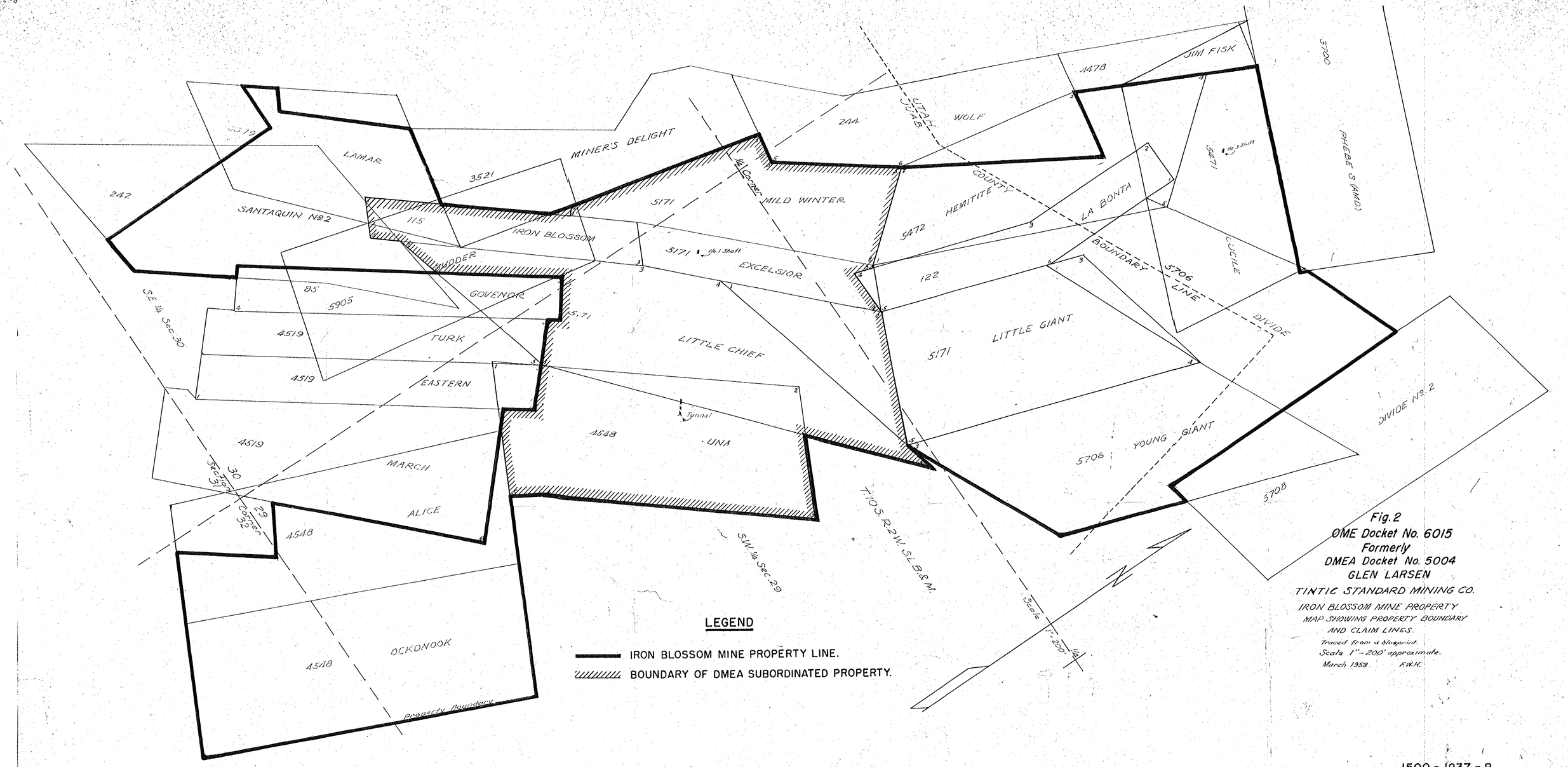
| Date of Contract | Region | State | Commodity |
|---|---|---|---|
| June 16, 1959 | III | Utah | Lead-Copper |

| | Reserve | Obligation |
|---|---|---|
| Prior Amount | 21,963.00 | 0 |
| Increase | 0 | 0 |
| Decrease | ~~0~~ | ~~0~~ |
| Revised Amount | 21,963.00 | 0 |

Remarks:

cc: 800
210

43244




**LEGEND**

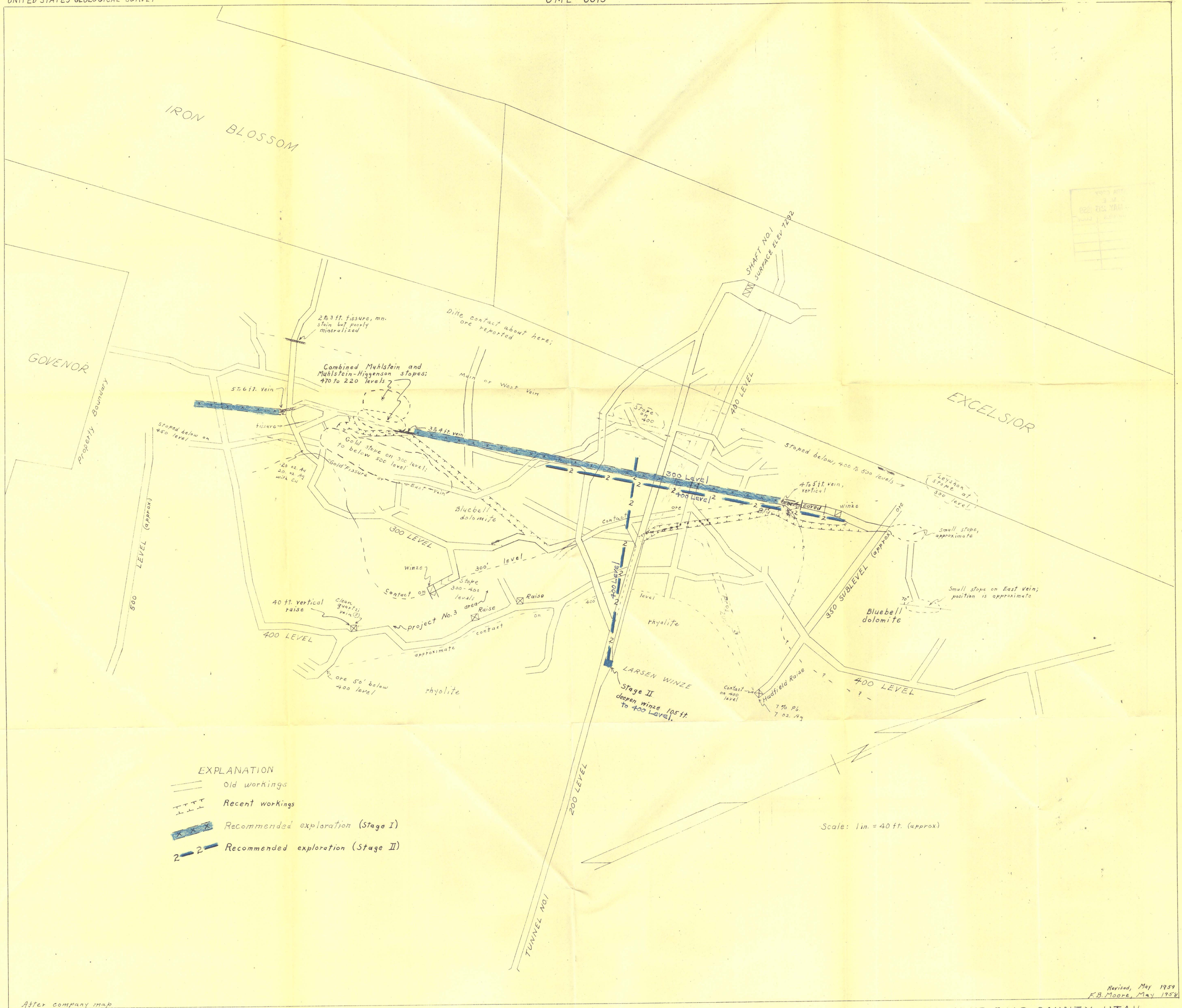
IRON BLOSSOM MINE PROPERTY LINE.

BOUNDARY OF DMEA SUBORDINATED PROPERTY.

*Fig. 2*
*OME Docket No. 6015*
*Formerly*
*DMEA Docket No. 5004*
*GLEN LARSEN*
*TINTIC STANDARD MINING CO.*
*IRON BLOSSOM MINE PROPERTY*
*MAP SHOWING PROPERTY BOUNDARY AND CLAIM LINES.*
*Traced from a blueprint.*
*Scale 1" = 200' approximate.*
*March, 1958. F.W.H.*

1500 - 1237 - B

8-2




After company map

Revised, May 1959
F.B. Moore, May 1958

FIGURE 3 - COMPOSITE PLAN OF PARTS OF THE 200, 300, AND 400 LEVELS SHOWING RECOMMENDED EXPLORATION, IRON BLOSSOM NO.1 MINE, JUAB COUNTY, UTAH.